netis

ADSL2+ Modem With
Wireless-N Router

# Quick Installation Guide

# 1. Hardware Installation

**Step 1**: Connect the ADSL Line.

**Method one**: Plug one end of the twisted-pair ADSL cable into the ADSL LINE port on the rear panel of the router, and insert the other end into the wall socket.

**Method two:** You can use a separate splitter. The external splitter has three ports:

- Line: Connect to the wall jack
- Phone: Connect to the phone sets
- Modem: Connect to the ADSL LINE port of the router

**Step 2:** Connect the Ethernet cable. Attach one end of a network cable to your computer's Ethernet port or a regular hub/switch port, and the other end to the LAN port on the router.

**Step 3:** Power on the computers and LAN devices.

**Step 4:** Attach the power adapter. Connect the power adapter to the power connector on the rear of the device and plug in the adapter to a wall outlet or power extension.

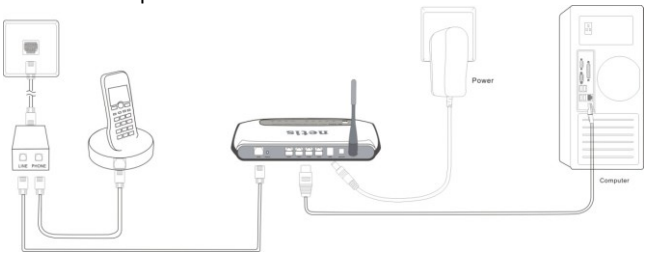


Figure 1

| Name | Status | Indication |
|---|---|---|
| PWR | On | Power is on |
| | Off | Power is off |
| ADSL | Flash | The ADSL negotiation is in progress |
| | On | The LINE port is linked up. |
| | Off | The LINE port is linked down. |
| Internet | Flash | Data is being transferred over the Internet. |
| | On | A successful PPP connection has been built. |
| | Off | There is no successful PPP connection or the Router works on Bridge mode. |
| WLAN | Flash | There is wireless data being transmitted. |
| | On | The wireless function is enabled but no data is being transmitted. |
| | Off | The wireless function is disabled. |
| LAN(1-4) | Flash | Data is being transferred over the 1-4 (LAN) port. |
| | On | There is a successful connection on the corresponding 1-4 (LAN) port but no activity. |
| | Off | There is no connection on the corresponding 1-4 (LAN) port or the connection is abnormal. |

# 2. Configure PC

## For Windows 7 or Windows Vista as below.

**Step 1:** Click , then select the **Open Network and Sharing Center.**

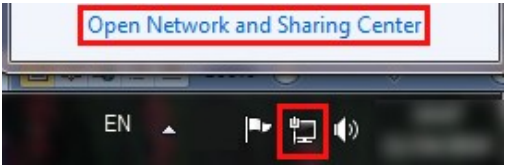


Figure 2

**Step 2:** Click the **Change adapter settings**.

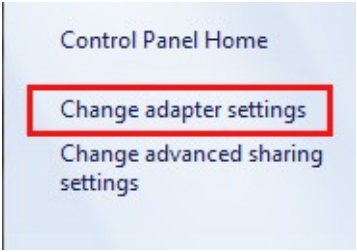


Figure 3

**Step 3**: Click **Local Area Connection** with the right button of your mouse. Then select **Properties**.

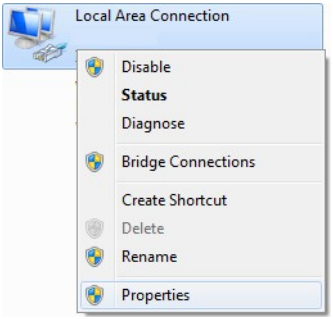


Figure 4

**Step 4**: Double click the "**Internet Protocol Version 4(TCP/IPv4)**".

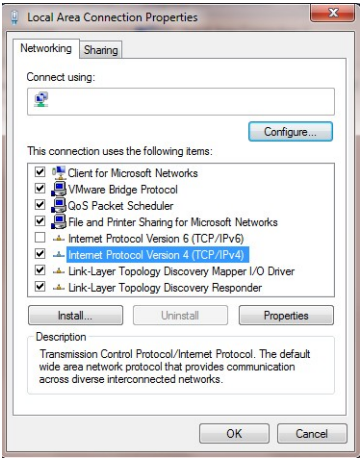


Figure 5

**Step 5:** Select the "**Obtain an IP address automatically**" as below. Then click "**OK**".

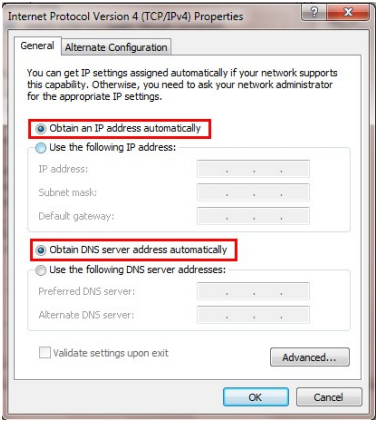
Internet Protocol Version 4 (TCP/IPv4) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Validate settings upon exit
Advanced...
OK
Cancel

Figure 6

# 3. Login

Start your web browser and type the private IP address of the Router in the URL field: **192.168.1.1**.

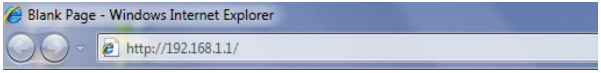


Figure 7

Then,enter the default User Name **admin** and the default Password **admin**

Windows Security
The server 192.168.1.1 at ADSL ROUTER/MODEM requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name
Password
Remember my credentials
OK
Cancel

Figure 8

And then click **OK** to access to the **Wireless Modem Management Panel** screen.

# 4. Modem Management

This webpage provides you the convenient and simplest way to configure your Modem to access the internet.

Firstly. Click and go to “Setup”->”WAN” , Page is showing below: (we are taking PPPoE for example)

Secondly. Enter the VPI and VCI provided by your ISP and select the Channel mode as **PPPoE**

Third: Enter the Fixed IP address which provided by your ISP then click “ Add”

Fourth: Click “Save” botton to make it effetive.

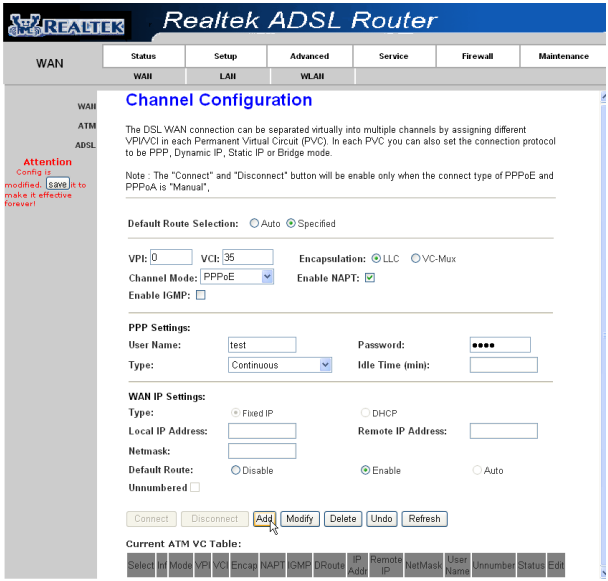
Realtek ADSL Router
WAN
Status
Setup
Advanced
Service
Firewall
Maintenance
WAN
LAN
WLAN
Channel Configuration
The DSL WAN connection can be separated virtually into multiple channels by assigning different VPI/VCI in each Permanent Virtual Circuit (PVC). In each PVC you can also set the connection protocol to be PPP, Dynamic IP, Static IP or Bridge mode.
Note : The "Connect" and "Disconnect" button will be enable only when the connect type of PPPoE and PPPoA is "Manual".
Attention
Config is modified. Save it to make it effective forever!
Default Route Selection: Auto Specified
VPI: 0 VCI: 35 Encapsulation: LLC VC-Mux
Channel Mode: PPPoE Enable NAPT:
Enable IGMP:
PPP Settings:
User Name: test Password:
Type: Continuous Idle Time (min):
WAN IP Settings:
Type: Fixed IP DHCP
Local IP Address: Remote IP Address:
Netmask:
Default Route: Disable Enable Auto
Unnumbered
Connect Disconnect Add Modify Delete Undo Refresh
Current ATM VC Table:
Select Inf Mode VPI VCI Encap NAPT IGMP DRoute IP Addr Remote IP NetMask User Name Unnumber Status Edit

Figure 9

# 5. Wireless Network & Security

To connect to the Wireless AP, we should have the most basic

configuration of the router at first. In this section, you can set the wireless network parameters required to access the AP of your WLAN interface.

Go to Setup->WLAN->Basic page, you can configure the wireless parameters.

Here you may enable or disable the wireless function. You can also change the wireless parameters, such as Band, SSID, Channel Width, Control Sideband, Channel Number and Radio Power.

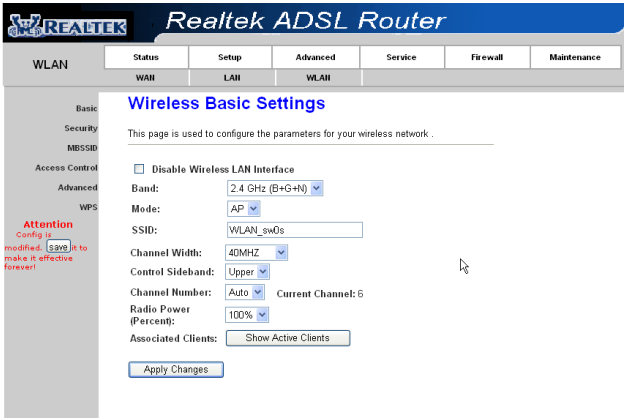


Figure 10

**Step 2:** Go to Setup->WLAN-> Security page, you can configure the wireless security parameters.

Here you can choose the encryption method to prevent any unauthorized access to your wireless network.

There are three most commonly used encryption method (a total of six encryption support), including the WEP encryption, WPA-Personal, WPA2-Personal, etc.

Click “Apply Changes” to make it effective

Figure 11

**Step 3**: Click “My Network Places” with the right button of your mouse. Then select “**Properties**”.

Figure 12

**Step 4:** Click "**Wireless Network Connection**" with the right button of your mouse. Then select "**View Available Wireless Networks**".

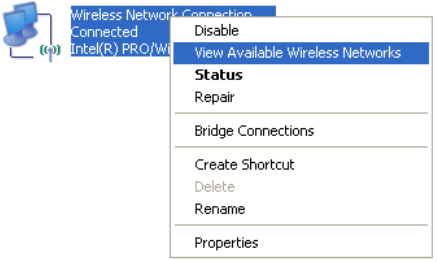


Figure 13

**Step 5:** Double click the wireless network your product provided.

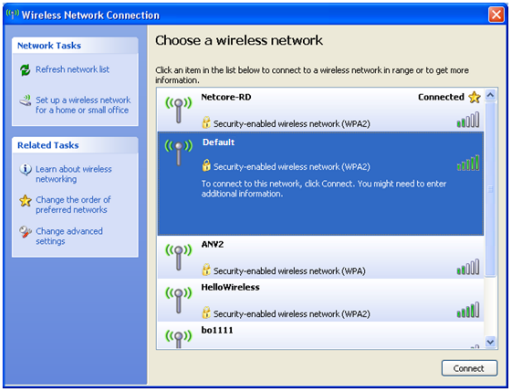
Wireless Network Connection
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
Netcore-RD
Connected
Security-enabled wireless network (WPA2)
Default
Security-enabled wireless network (WPA2)
To connect to this network, click Connect. You might need to enter additional information.
ANY2
Security-enabled wireless network (WPA)
HelloWireless
Security-enabled wireless network (WPA2)
bo1111
Connect

Figure 14

**Step 6**: Input the key you stetted before if the wireless network you connecting to requests password.

USA/Canada Technical Support:
Phone (toll free in USA& Canada):
1-866-71-network or 1-866-716-3896
Email: usa_support@ netis-systems.com
For North America only

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